

Appln. No. 10/765,606
Amendment dated April 17, 2006
Reply to Office Action mailed January 17, 2006

Amendments to the Specification:

Please replace the paragraph [0016] on page 10, with the following rewritten paragraph (deleted text being struck through and added text being underlined):

[0016] The numerous advantages of the present invention may be better understood by those skilled in the art by reference to the accompanying figures in which:

FIG. 1 is a diagram illustrating a conventional USB connection between a host and a USB device;

FIG. 2 is a block diagram illustrating an extended connection between a host and a USB device using a conventional Powerline arrangement;

FIG. 3 is a block diagram illustrating a connection between a host and a USB 10 device using another conventional arrangement;

FIG. 4 is a block diagram illustrating a connection between a host and a USB device using a connection in accordance with various exemplary embodiments of the present invention; ~~and~~

FIG. 5 is a block diagram illustrating components of an exemplary device in accordance with various exemplary embodiments of the present invention; and

FIG. 6 is a block diagram illustrating components of an exemplary variation of a device in accordance with various embodiments of the present invention.

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Please replace the paragraph [0022] on page 13, with the following rewritten paragraph (deleted text being struck through and added text being underlined):

[0022] Exemplary scenario 500 in accordance with the present invention is shown in FIG 5. It can be seen that host 110 and peripheral device 130 are connected through powerline 532 through controller 530 connected to each of host 110 and peripheral device 130 at the USB ports thereof through USB connector 533 and to each other through powerline 532 and respective wall plugs 531. Each controller 530 includes power supply 534 power for example from powerline 532 for providing power of at least 5 volts DC at 1 amp in accordance with the USB specification (revision 1.1, 2.0, or later), power line interface 536, such as a HomePlug interface, and interface controller 535. It will be appreciated that in accordance with various alternative exemplary embodiments, host 110 and peripheral device 130 may have controller 530 incorporated therein without departing from the invention (see, e.g., FIG. 6). As previously described, interface controller 535 may operate to appear to host 110 as peripheral device 130 and may operate to appear to peripheral device 130 as host 110 such that fully compliant USB communications, preferably high speed streaming communications may take place over the connection. It will further be appreciated that details regarding the specific operation of the USB and Homeplug protocols have been omitted for the sake of clarity. However one of ordinary skill in the art will understand how the attendant structure described herein will allow for operation in accordance therewith, and how certain features of the protocols may be best realized using the structures and inventive concepts described herein.